

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|-------|---|---|------------------|---------|------------------|
| S2 | 10533 | epoxysilane or ((epoxy or epoxide or oxirane) near4 (silane or organosilane or \$alkoxysilane or organosilicon)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/02/14 10:51 |
| S3 | 6663 | glycidoxypopyltrimethoxysilane glycidoxypopyltriethoxysilane or glycidoxypopyl adj (trimethoxysilane or triethoxysilane) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/02/14 10:54 |
| S4 | 15168 | S2 or S3 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/02/14 10:56 |
| S5 | 5640 | disilane or bis adj silane or (difunctional or multipodal) adj (\$alkoxysilane or silane or organosilane or organosilicon) or disilyl\$4 near2 (alkane or hydrocarbon) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/02/14 10:59 |
| S6 | 716 | "bis(trimethoxysilyl)" or "bis(triethoxysilyl)" or "bis (trimethoxysilyl)" or "bis (triethoxysilyl)" or bis adj (trimethoxysilyl or triethoxysilyl) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/02/14 11:02 |
| S7 | 6294 | S5 or S6 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/02/14 11:02 |
| S8 | 329 | S4 and S7 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/02/14 11:02 |
| S9 | 306 | S8 and acid | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/02/14 11:03 |
| S10 | 2929 | 106/287.1\$.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/02/14 11:03 |
| S11 | 5216 | 428/447.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/02/14 11:03 |
| S12 | 75 | S9 and (S10 or S11) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/02/14 14:25 |

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| S13 | 0 | jp-02629813-\$.did. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/02/14 12:19 |
| S14 | 1137 | 528/34.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/02/14 12:19 |
| S15 | 23 | S9 and S14 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/02/14 12:19 |
| S16 | 17 | S15 not S12 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/02/14 12:43 |
| S18 | 0 | "ep-493791-\$.did." | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/02/14 12:47 |
| S19 | 39196 | colloid\$2 near4 (silica or (metal or silicon) adj oxide) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/02/14 12:49 |
| S20 | 72 | S9 and S19 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/02/14 12:49 |
| S21 | 43 | S20 not (S12 or S16) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/02/14 13:54 |
| S22 | 20 | S4 and S14 and S19 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/02/14 13:54 |
| S23 | 15 | S22 not (S15 or S20) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/02/14 14:01 |
| S24 | 7 | S4 and S14 and (strong adj acid or acid near4 pKa) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/02/14 14:03 |
| S25 | 18 | S9 and (strong adj acid or acid near4 pKa) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/02/14 14:03 |

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| S26 | 17 | S25 not S12 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/02/14 14:16 |
| S27 | 118795 | (abrasion or mar or scratch) near3 resist\$4 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/02/14 14:19 |
| S28 | 31538 | (coating or film or layer) near5 (abrasion or mar or scratch) near3 resist\$4 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/02/14 14:20 |
| S29 | 15 | S4 and S14 and S28 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/02/14 14:24 |
| S30 | 528 | S4 and S19 and S28 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/02/14 14:25 |
| S31 | 164 | S30 and (S10 or S11) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/02/14 14:25 |
| S32 | 177 | S12 or S16 or S21 or S23 or S24 or S26 or S29 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/02/14 14:26 |
| S33 | 149 | S31 not S32 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/02/14 14:26 |
| S34 | 1 | "6626987".pn. and silica | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/02/14 16:13 |
| S35 | 4086 | colloidal adj silica with particle adj (size or diameter) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/02/14 16:20 |
| S36 | 123 | S35 same (transparency or light adj scattering) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/02/14 16:21 |
| S37 | 5 | S30 and S36 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/02/14 16:15 |

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| S38 | 0 | S9 and S36 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/02/14 16:15 |
| S39 | 243 | S2 and (S10 or S11) and S27 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/02/14 16:18 |
| S40 | 1 | S39 and S36 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/02/14 16:18 |
| S41 | 32612 | silica with particle adj (size or diameter) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/02/14 16:20 |
| S42 | 693 | S41 same (transparency or light adj scattering) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/02/14 16:21 |
| S43 | 50 | S4 and S42 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/02/14 16:21 |